

WHAT IS CLAIMED IS:

1. A display device for a vehicle, comprising:

at least one video signal source for outputting at least  
5 one video signal corresponding to at least one video program;

two or more displays for receiving the at least one video  
signal and for simultaneously displaying the at least one  
video program;

an assembly housing for enclosing at least a portion of  
10 said at least one video signal source and for supporting at  
least one of said two or more displays; and

a bus for coupling said at least one of said two or more  
displays to said at least one media source when said at least  
one of said two or more displays is supported by said assembly  
15 housing, and wherein each of said two or more displays has a  
capability of operating while being remote from said assembly  
housing.

2. The display device according to claim 1, further  
20 comprising a connector for electrically coupling said at least  
one of said two or more displays to said bus when said at  
least one of said two or more displays is supported by said  
assembly housing.

3. The display device according to claim 2, wherein  
said at least one of said two or more displays comprises a  
screen, and said connector flexibly couples said at least one  
5 of said two or more displays to said bus such that said at  
least one of said two or more displays folds against said  
assembly housing to protect the screen.

4. The display device according to claim 1, wherein  
10 said at least one media source is adapted to output at least  
two video signals corresponding to at least two video  
programs, and said two or more displays are adapted to  
receive the at least two video signals and to display the at  
least two video programs.

5. The display device according to claim 4, wherein at  
least two of said two or more displays respectively and  
simultaneously display at least two different ones of the at  
least two video programs.

6. The display device according to claim 4, wherein  
each of said two or more displays respectively and  
simultaneously display a same one of the at least two video

programs.

7. The display device according to claim 1, wherein  
said at least one media source comprises at least one of a  
5 television tuner, a video cassette player (VCP), a digital  
video disk (DVD) player, and a video game player.

8. The display device according to claim 1, wherein  
said at least one media source comprises a receiver for  
10 receiving the at least one video signal from at least one  
external input device.

9. The display device according to claim 1, wherein  
said at least one media source outputs at least one audio  
15 signal corresponding to the at least one video program, said  
display device further comprises at least one wireless  
transmitter operatively coupled to said at least one media  
source for wirelessly transmitting the at least one audio  
signal to at least one wireless headphone set, and each of  
20 said two or more displays comprise a wireless receiver for  
wirelessly receiving the at least one audio signal.

10. The display device according to claim 9, wherein the

at least one audio signal is wirelessly transmitted as a radio frequency signal or an infrared signal.

11. The display device according to claim 1, wherein  
5 said display device further comprises at least one wireless transmitter operatively coupled to said at least one media source for respectively and wirelessly transmitting the at least one video signal to said two or more displays, and each of said two or more displays comprise a wireless receiver for  
10 wirelessly receiving the at least one video signal.

12. The display device according to claim 11, wherein the at least one video signal is wirelessly transmitted as a radio frequency signal or an infrared signal.

13. The display device according to claim 1, wherein at least one of said two or more displays employs at least one of a liquid crystal display (LCD) technology, light emitting diodes (LEDs), and a gas plasma.

14. The display device according to claim 1, wherein at least one of said two or more displays comprises a mounting device for mounting at a rear portion of a seat, independent

of a location of the assembly housing.

15. The display device according to claim 1, wherein each of said two or more displays comprises at least one speaker for reproducing audio signals corresponding to the at least one video program.

16. The display device according to claim 1, wherein each of said two or more displays comprises at least one input jack for receiving audio or video signals.

17. The display according to claim 4, wherein each of said two or more displays comprises a multiplexer for selecting one of the at least two video programs.

18. The display device according to claim 1, wherein each of said two or more displays comprises a power supply jack for receiving power from an external power supply.

19. The display device according to claim 1, wherein the vehicle includes at least one seat, and said assembly housing mounts at a rear portion of the at least one seat.

20. The display device according to claim 1, further comprising at least one speaker, disposed within the assembly housing, for reproducing audio signals corresponding to the at least one video program.

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21. The display device according to claim 1, further comprising a connector for electrically coupling said at least one of said two or more displays to said bus when said at least one of said two or more displays is supported by said assembly housing.

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22. The display device according to claim 21, wherein said at least one of said two or more displays comprises a screen, and said connector flexibly couples said at least one of said two or more displays to said bus such that said at least one said two or more displays folds against said assembly housing to protect the screen.

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23. The display device according to claim 1, further comprising signal processing facilities adapted to perform at least one of signal processing and signal conversion, with respect to the at least one video signal.

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24. The display device according to claim 23, wherein said signal processing facilities are adapted to perform at least one of digital signal processing, encoding, decoding, encrypting, decrypting, compressing, decompressing, analog-to-digital conversion (ADC), digital-to-analog conversion (DAC), and error correction.

25. A display device for a vehicle having a seat, comprising:

at least one media source for outputting at least one video signal corresponding to at least one video program;

two or more displays for respectively receiving the at least one video signal and for respectively and simultaneously displaying the at least one video program;

an assembly housing for enclosing at least a portion of said at least one media source and for supporting at least one of said two or more displays;

a bag for receiving said assembly housing and suspending said assembly housing at a rear of the seat when said assembly housing is in any one of an operational mode and a non-operational mode; and

a bus for coupling said at least one of said two or more displays to said at least one media source when said at least

one of said two or more displays is supported by said assembly housing, and wherein each of said two or more displays has a capability of operating while being remote from said assembly housing and irrespective of whether said assembly housing is received and suspended by said bag.

26. The display device according to claim 25, wherein said bag comprises a mounting mechanism for suspending said assembly housing to the rear of the seat.

27. The display device according to claim 25, wherein said bag comprises at least a main compartment for at least partially encasing at least said assembly housing.

28. The display device according to claim 27, wherein the main compartment partially encases said assembly housing irrespective of whether at least one of said two or more displays is supported by said assembly housing.

29. The display device according to claim 25, wherein said bag comprises at least one compartment for encasing at least one of said two or more displays, when said at least one of said two or more displays is remote from said assembly

housing.

30. The display device according to claim 25, wherein  
said bag comprises at least one compartment for encasing  
5 accessories corresponding to the display device.

31. The display device according to claim 25, wherein  
said bag comprises a flap, disposed at a top face of the bag,  
for providing unrestricted viewing access to a given one of  
10 said two or more displays when said assembly housing is  
received and suspended by said bag and said given one of said  
two or more displays is supported by said assembly housing.

32. The display device according to claim 31, wherein  
15 the flap further provides access for loading at least a video  
medium into said at least one media source.

33. A display device for a vehicle, comprising:  
a media source for outputting a video signal  
20 corresponding to a video program;  
a display for receiving the video signal and displaying  
the video program;  
an assembly housing for enclosing at least a portion of

said media source and supporting said display;

a first bag for receiving media and said assembly housing;

a second bag for receiving said display, said second bag adapted to attach to an interior element of the vehicle; and

a bus for coupling said display to said media source when said display is supported by said assembly housing, and wherein said display has a capability of operating while being remote from said assembly housing.

34. The display device according to claim 33, wherein the vehicle includes a seat, and said first bag suspends said assembly housing at a rear of the seat.

35. The display device according to claim 33, wherein the vehicle includes a seat, and said second bag suspends said display at a rear of the seat.

36. The display device according to claim 35, wherein said second bag comprises at least one strap for suspending said display from the seat.

37. The display device according to claim 34, wherein

said display has a capability of displaying the video signal when said assembly housing is received and suspended by said first bag or when said display is received and suspended by said second bag.

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38. The display device according to claim 33, further comprising a wireless transmitter for wirelessly transmitting the video signal, and wherein said display comprises a wireless receiver for wirelessly receiving the video signal.

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39. The display device according to claim 33, wherein said media source has a capability of outputting at least two video signals corresponding to at least two video programs, and said display has a capability of receiving the at least two video signals and displaying the at least two video programs.

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40. The display device according to claim 39, wherein said display comprises a multiplexer for selecting one of the at least two video programs for display.

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41. The display device according to claim 33, further comprising another display for receiving the video signal and displaying the video program.

5           42. The display device according to claim 33, wherein said media source has a capability of outputting at least two video signals corresponding to at least two video programs, and said display device comprises at least two displays for receiving the at least two video signals and displaying the at  
10           least two video programs.

43. The display device according to claim 42, wherein one of the at least two displays displays one of the at least two video programs and an other one of the at least two  
15           displays displays an another one of the at least two video programs.

44. The display device according to claim 42, further comprising a wireless transmitter for wirelessly transmitting  
20           the at least two video signals, and wherein each of said at least two displays comprises a wireless receiver for wirelessly receiving the at least two video signals.

45. The display device according to claim 42, wherein each of said at least two displays comprises a multiplexer for selecting one of the at least two video programs for display.

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